

INTERNATIONAL
STANDARD

ISO
1302

Third edition
1992-11-01

**Technical drawings — Method of indicating
surface texture**

Dessins techniques — Indication des états de surface



Reference number
ISO 1302:1992(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 1302 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*.

This third edition cancels and replaces the second edition (ISO 1302:1978), of which it constitutes a technical revision.

Annex A forms an integral part of this International Standard. Annexes B, C, D and E are for information only.

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Technical drawings — Method of indicating surface texture

1 Scope

This International Standard specifies graphical symbols and additional indications of surface texture to be used on technical drawings. It should not be taken as prescribing rules for the choice of surface roughness parameters suitable in any given case.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 468:1982, *Surface roughness — Parameters, their values and general rules for specifying requirements*.

ISO 3461-2:1987, *General principles for the creation of graphical symbols — Part 2: Graphical symbols for use in technical product documentation*.

ISO 4287-1:—¹⁾, *Surface roughness — Terminology — Part 1: Surface and its parameters*.

ISO 4288:1985, *Rules and procedures for the measurement of surface roughness using stylus instruments*.

ISO 10135-1:—²⁾, *Technical drawings — Representation of parts produced by shaping processes — Part 1: Moulded parts*.

ISO 10209-1:1992, *Technical product documentation — Vocabulary — Part 1: Terms relating to technical drawings: general and types of drawings*.

1) To be published. (Revision of ISO 4287-1:1984)

2) To be published.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 10209-1 and ISO 4287-1 apply.

4 Graphical symbols for indication of surface texture

4.1 The basic graphical symbol consists of two straight lines of unequal length inclined at approximately 60° to the line representing the considered surface, as shown in figure 1.

This graphical symbol in isolation means “the surface under consideration” and prescribes no requirement for surface roughness.

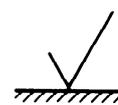


Figure 1

4.2 If the removal of material by machining is required, a bar shall be added to the basic graphical symbol, as shown in figure 2.



Figure 2